

Agent Docket No.: SC.2002.9



NESTED REMOVABLE-REMOVABLE EXPANSION MODULES

Inventor(s): Kevin J. Mills, et al

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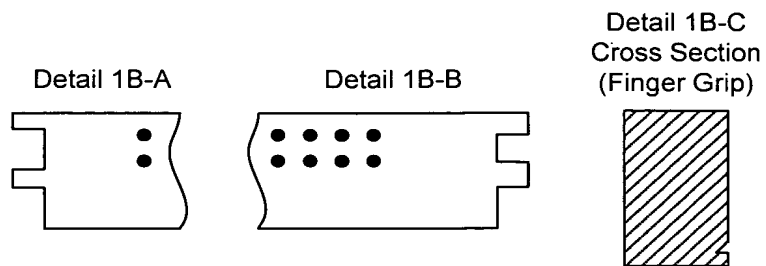


FIG. 1B
(PRIOR ART)

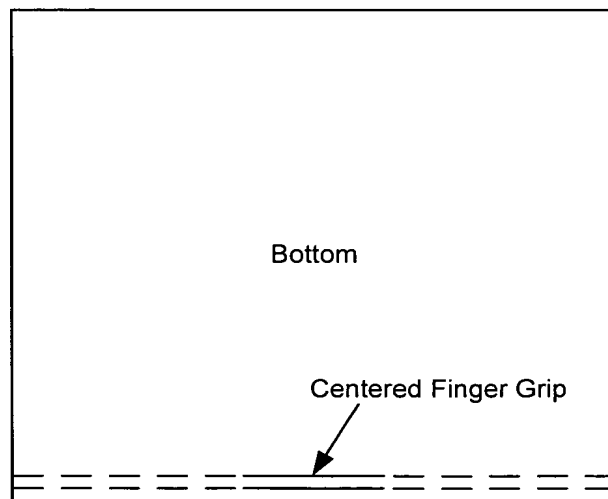


FIG. 1C
(PRIOR ART)

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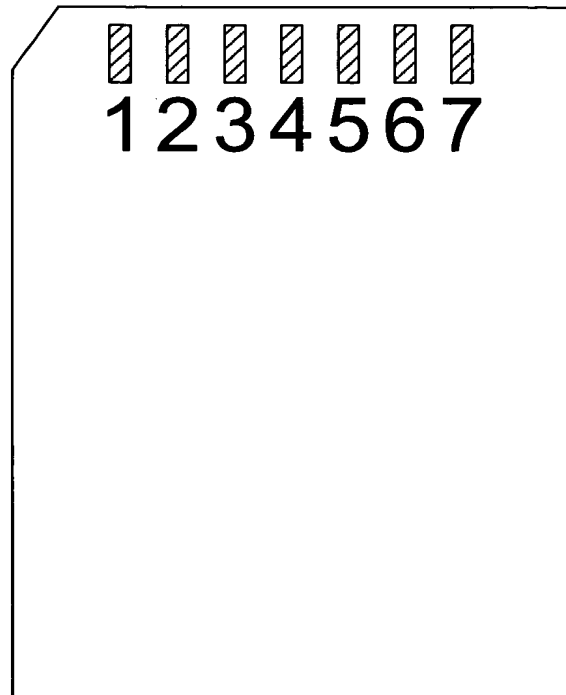


FIG. 2A
(PRIOR ART)

Legend

Pin No.	Name	Type	Description
1	RSV	NC	Reserved for future use
2	CMD	I/O/Push-Pull/Open-Drain	Command/Response
3	V _{SS1}	Supply	Supply voltage ground
4	V _{DD}	Supply	Supply voltage
5	CLK	I	Clock
6	V _{SS2}	Supply	Supply voltage ground
7	DAT	I/O/Push-Pull	Data

FIG. 2B
(PRIOR ART)

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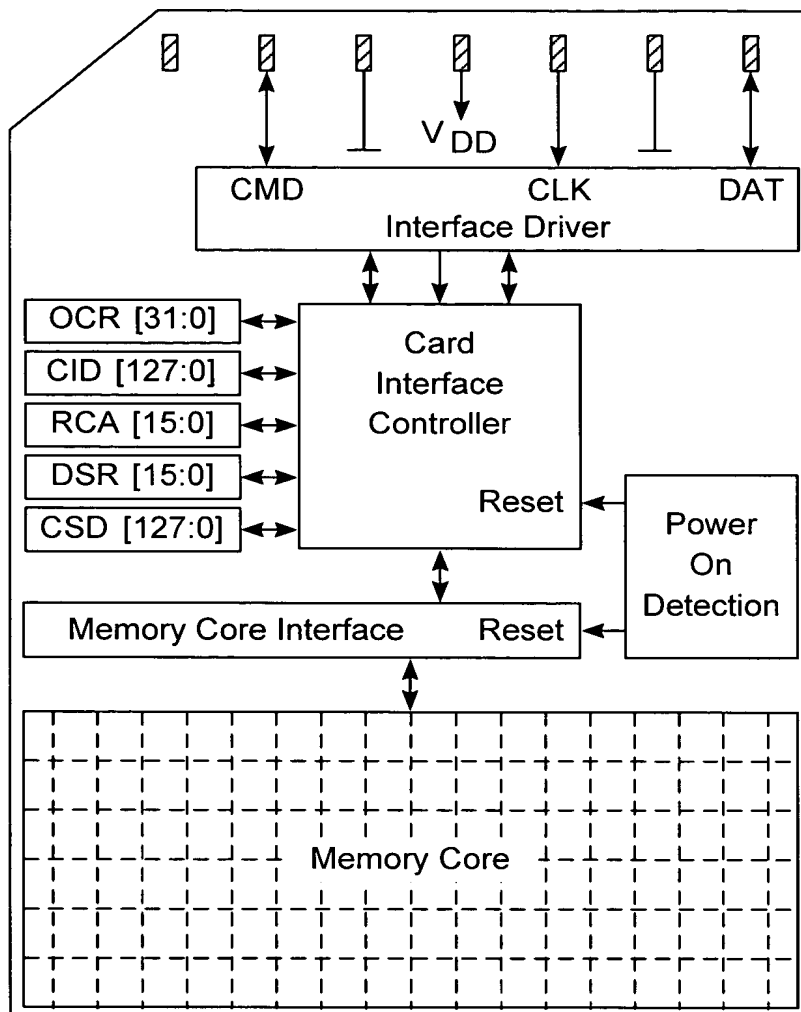


FIG. 3A
(PRIOR ART)

Legend

Name	Width	Description
CID	128	Card identification number, card individual number for identification. Mandatory.
RCA	16	Relative card address, local system address of a card, dynamically assigned by the host during initialization. Mandatory.
DSR	16	Driver stage register to configure the card's output drivers. Optional.
CSD	128	Card specific data, information about the card operation conditions. Mandatory.
OCR	32	Operation condition register for cards which do not support the full voltage range. Used by a special broad-cast command to detect restricted cards. Optional.

FIG. 3B
(PRIOR ART)

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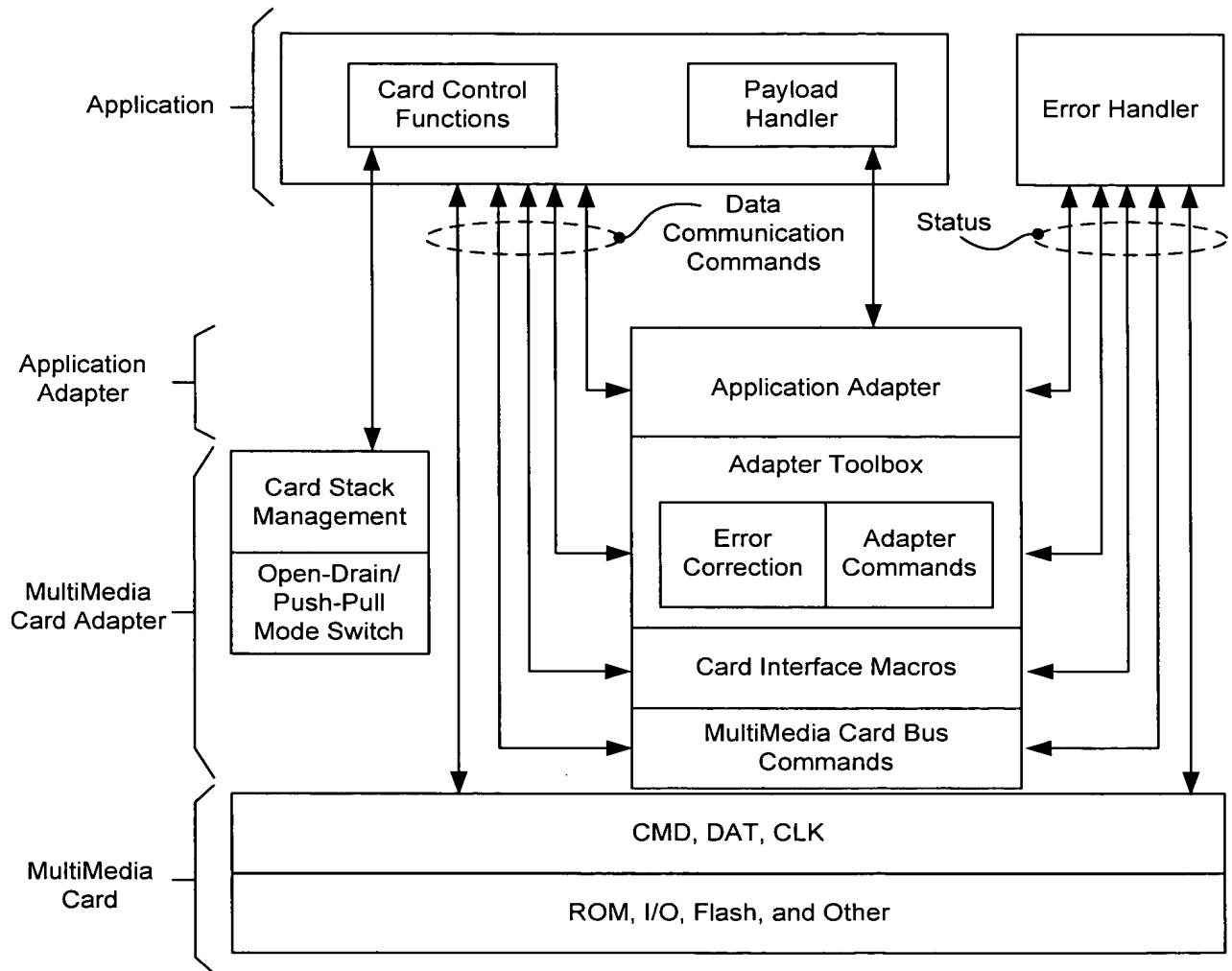


FIG. 4
(PRIOR ART)

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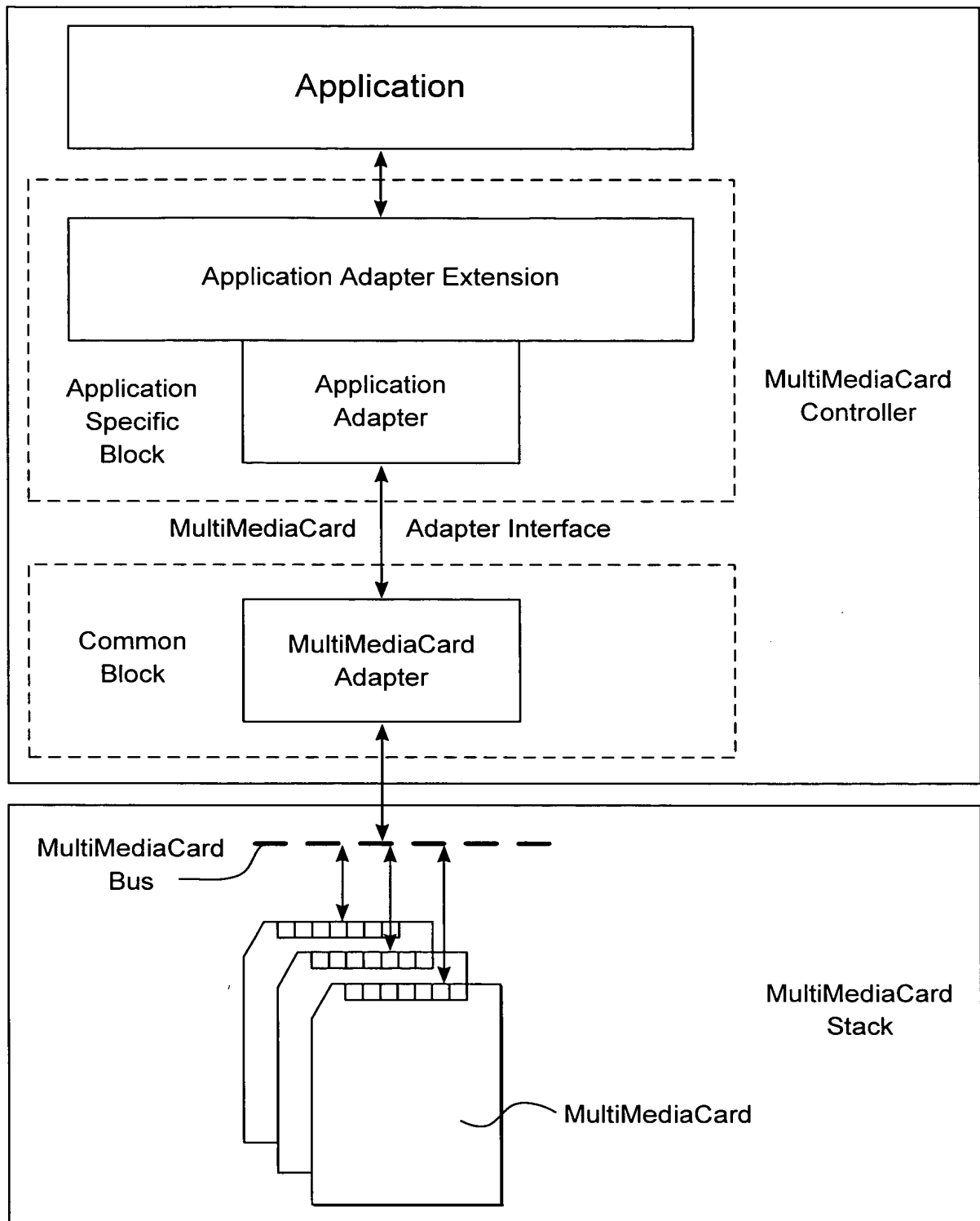


FIG. 5
(PRIOR ART)

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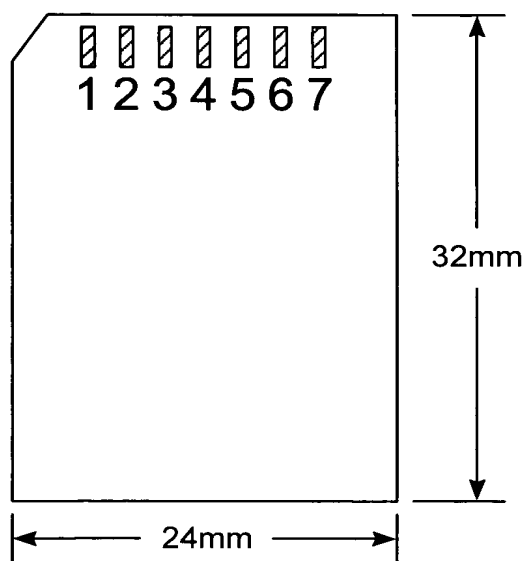
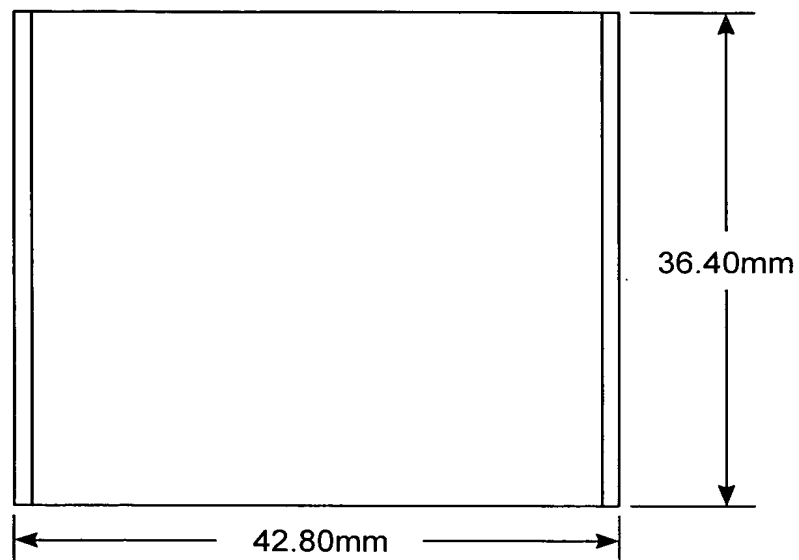


FIG. 6A
(PRIOR ART)

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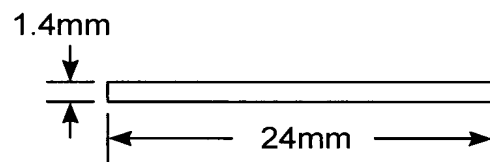
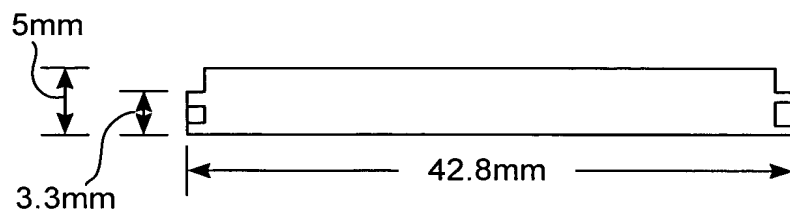


FIG. 6B
(PRIOR ART)

NESTED REMOVABLE-REMOVABLE EXPANSION MODULES

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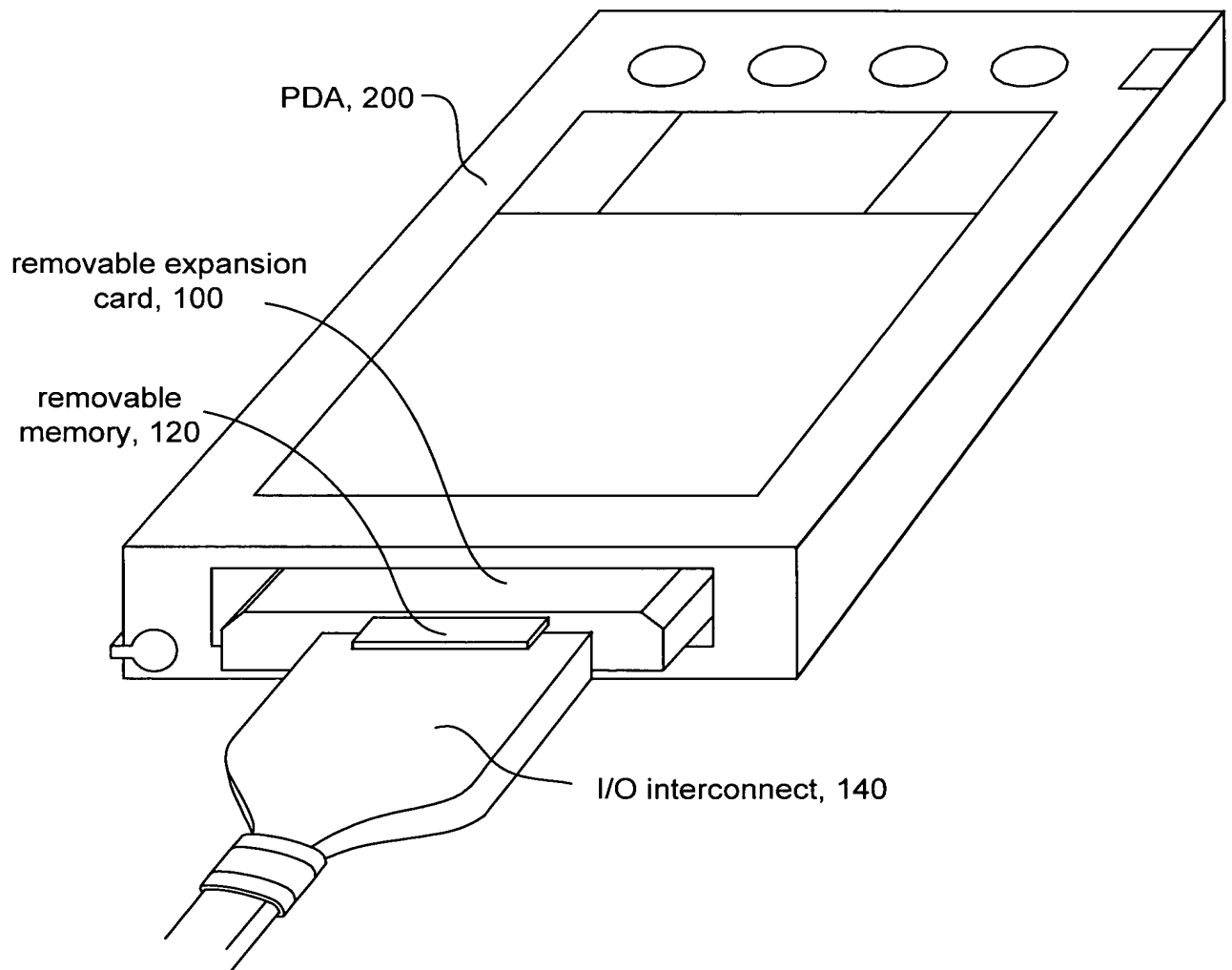


FIG. 7

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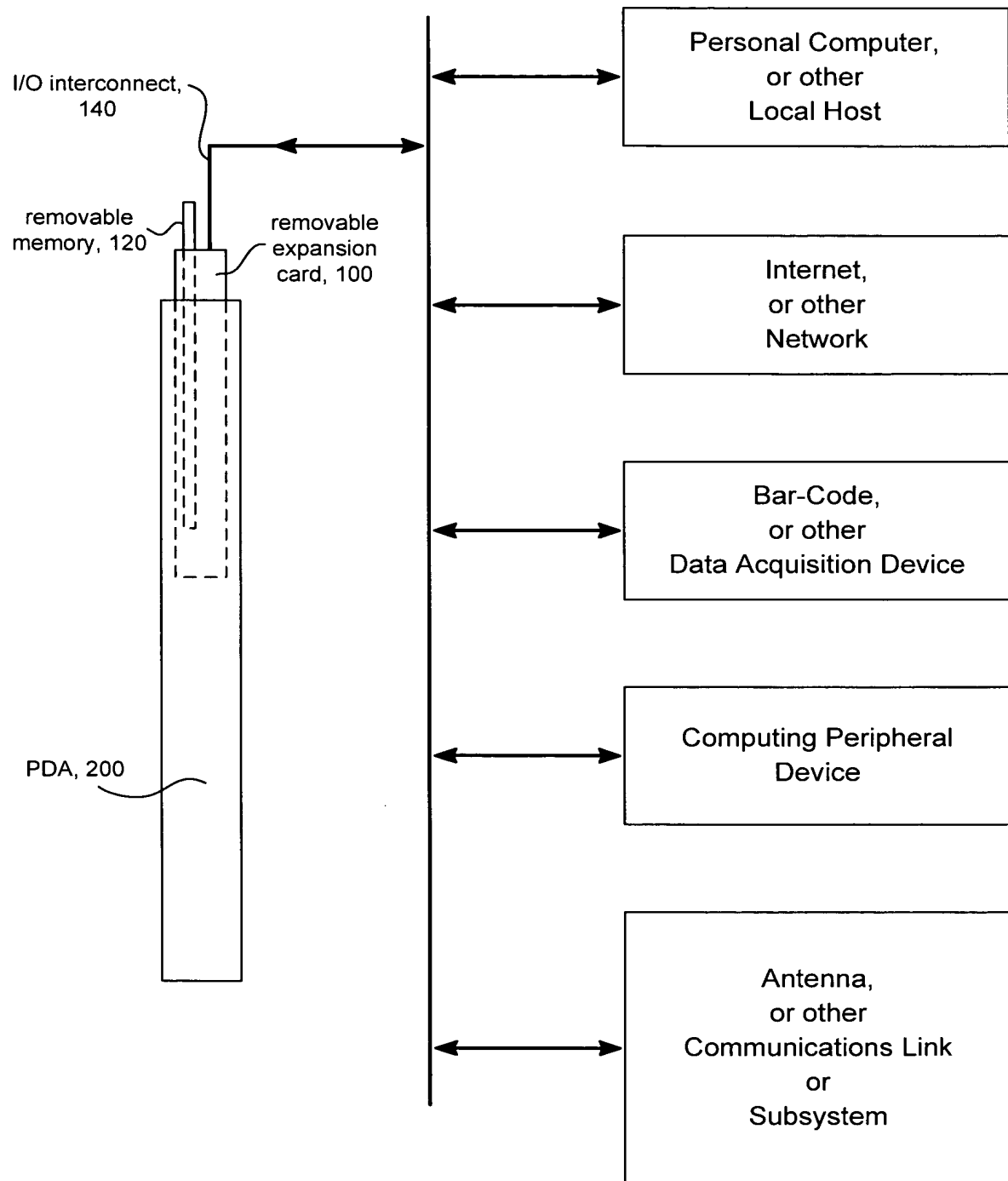


FIG.8

NESTED REMOVABLE-REMOVABLE EXPANSION MODULES

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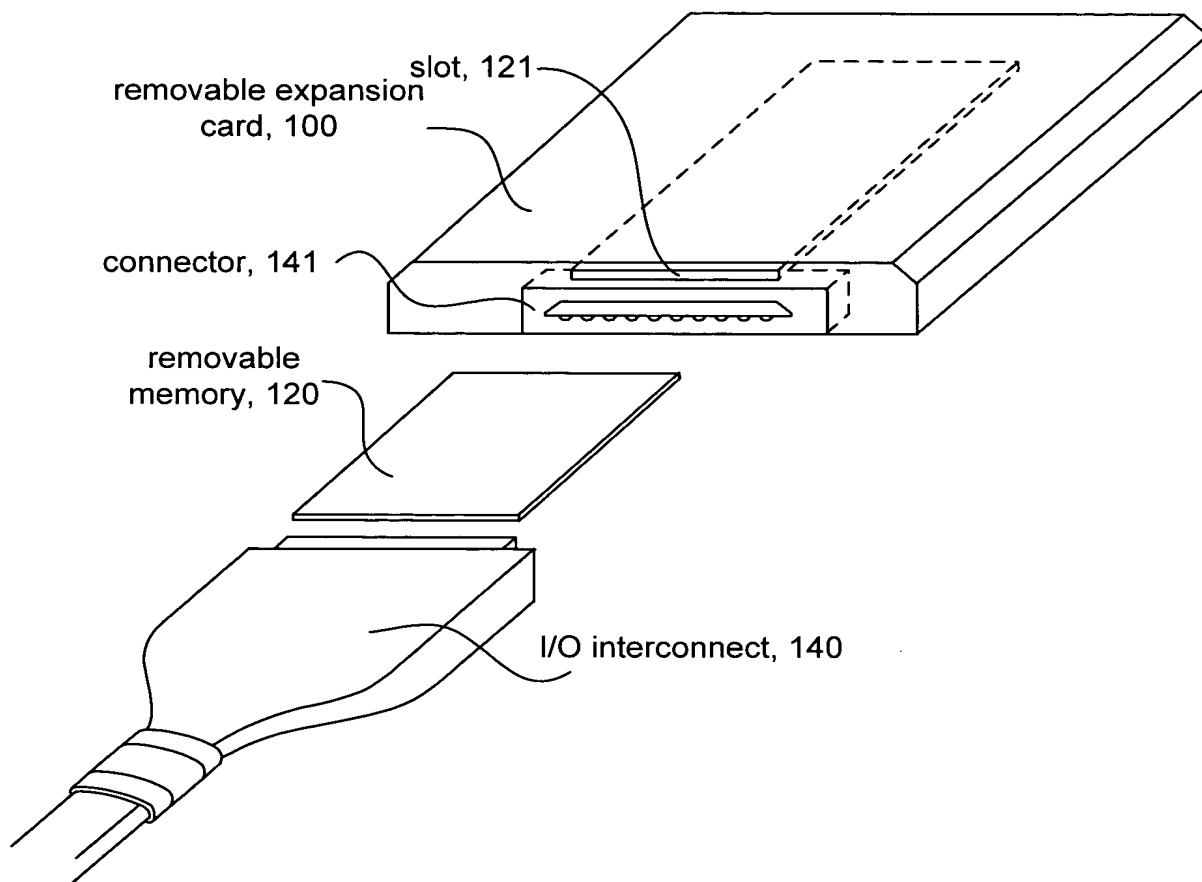


FIG. 9

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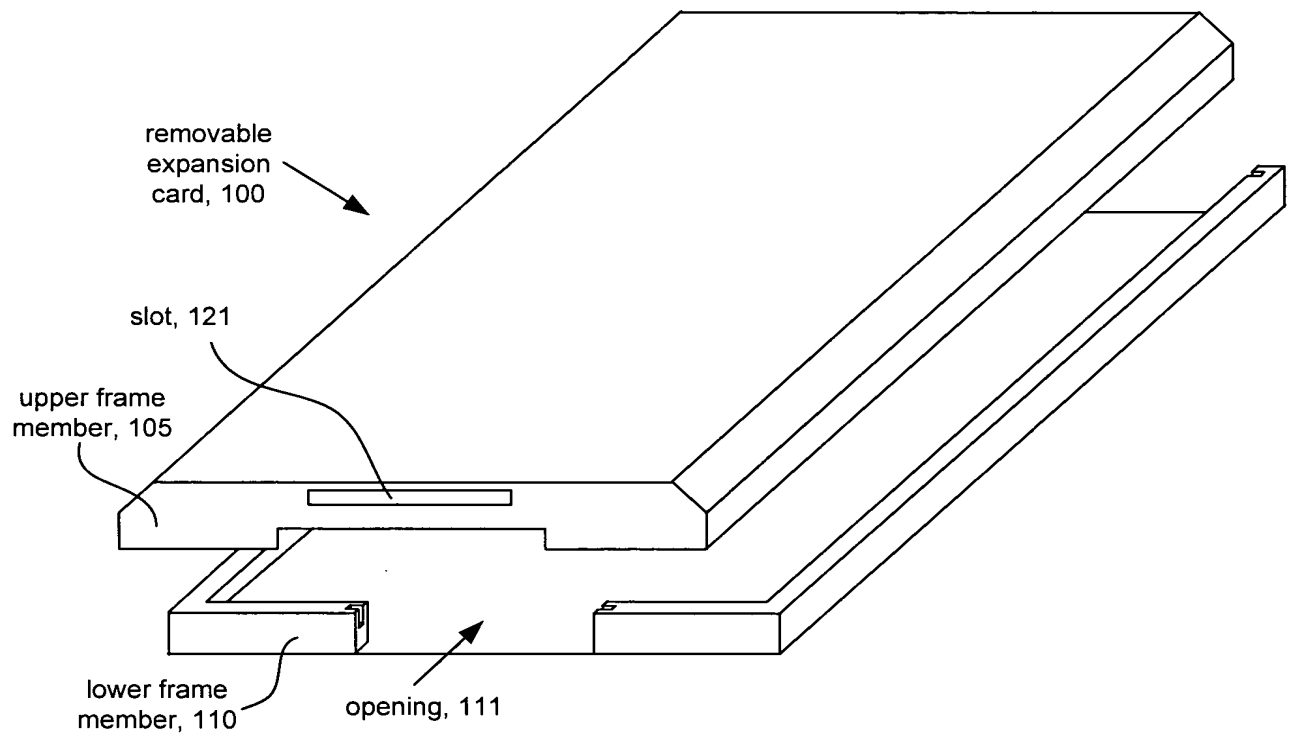


FIG. 10

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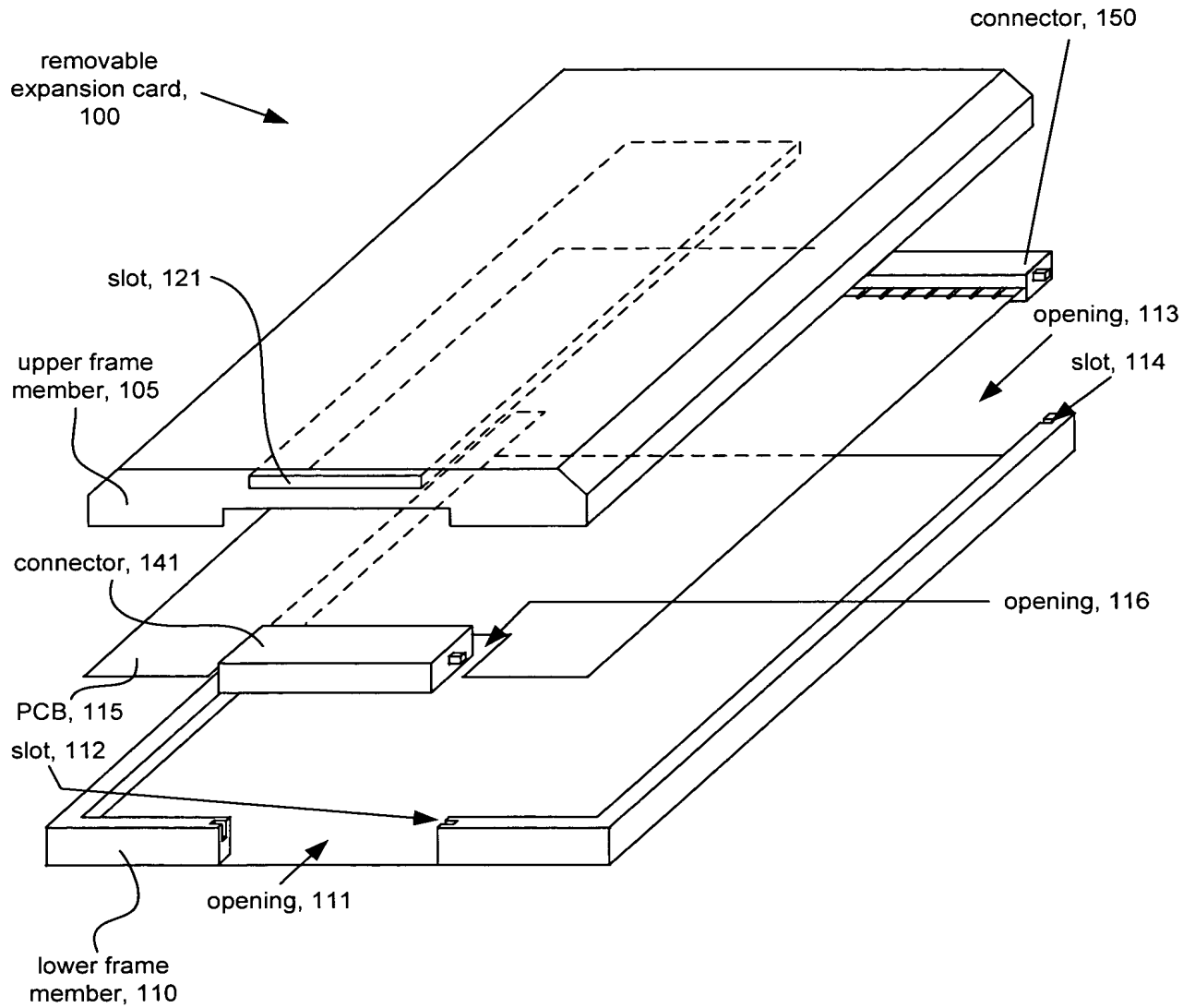


FIG. 11

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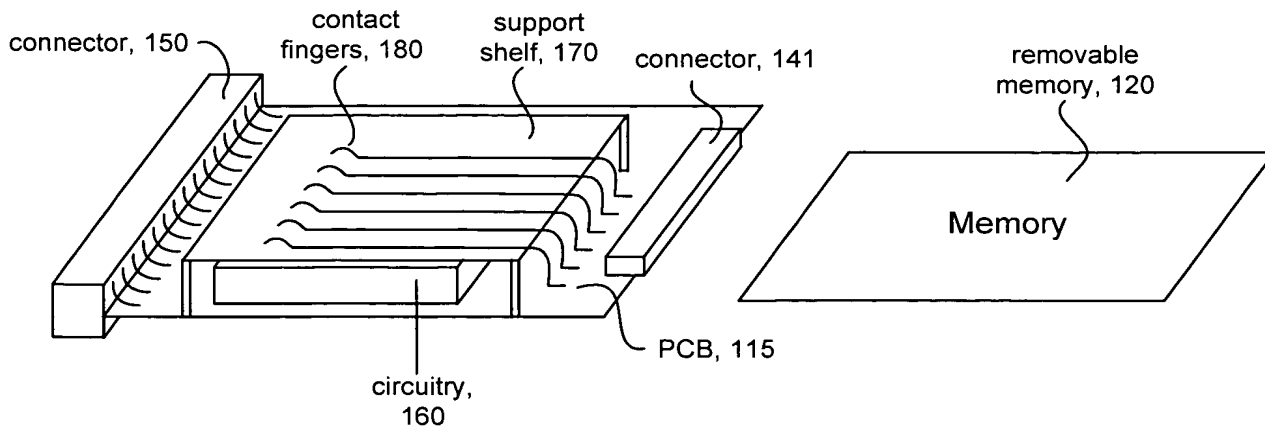


FIG. 12A

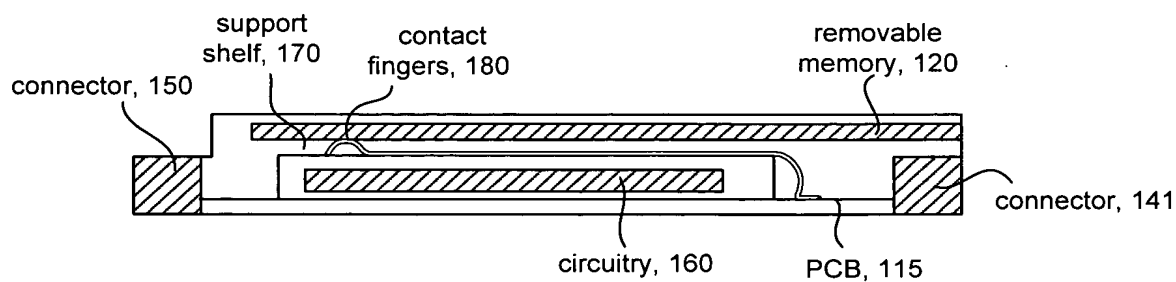


FIG. 12B

NESTED REMOVABLE-REMOVABLE EXPANSION MODULES

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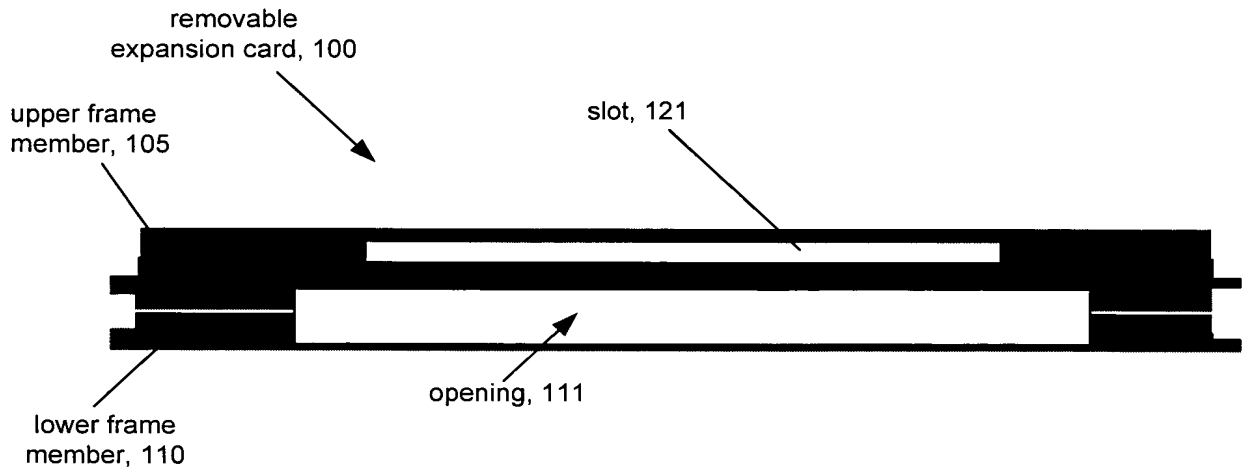


FIG. 13A

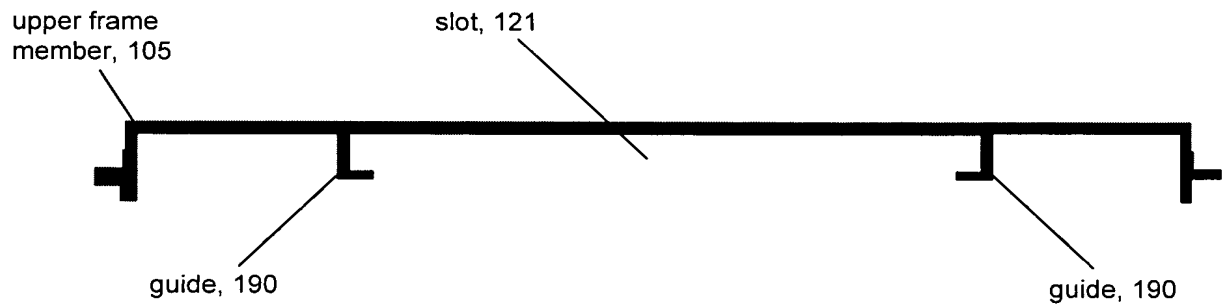


FIG. 13B